

Patent Abstracts of Japan

PUBLICATION NUMBER : 08314490
PUBLICATION DATE : 29-11-96

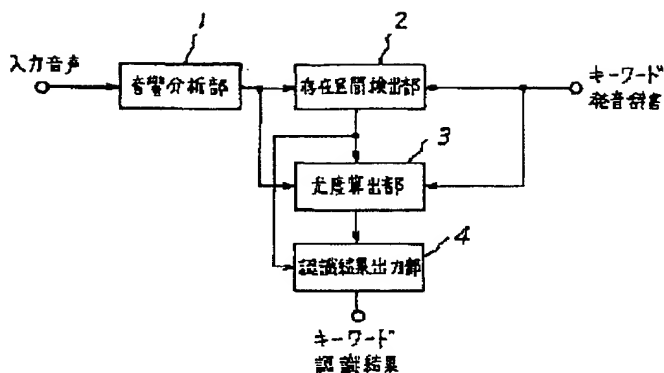
APPLICATION DATE : 23-05-95
APPLICATION NUMBER : 07123469

APPLICANT : NIPPON HOSO KYOKAI <NHK>;

INVENTOR : ANDO AKIO;

INT.CL. : G10L 3/00 G10L 3/00 G10L 5/06

TITLE : WORD SPOTTING TYPE METHOD
AND DEVICE FOR RECOGNIZING
VOICE



ABSTRACT : PURPOSE: To provide word spotting type method and device for recognizing a voice with less source error, with high recognition precision and rapidly recognizing.

CONSTITUTION: Vowel candidates of input voices at respective times are obtained using a standard pattern of a vowel, and they are made correspond to a vowel line in a key word pronunciation dictionary, and an existing section of a key word in the input voice is detected (2), and the likelihood of the key word in the detected existing section is obtained by a hidden Markov model (3), and the voice recognition result is outputted from the existing section of the detected key word and the obtained likelihood.

COPYRIGHT: (C)1996,JPO